FEB 2 5 2002
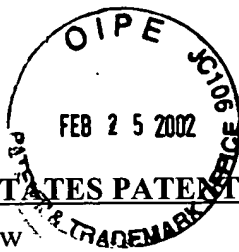
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Frank W. Liebenow   Examiner:

Serial No.: 10/016,492   Group Art Unit: 2673

Filed: October 22, 2001   Docket: 450.163US2

Title: COMPUTER KEYBOARD DISPLAY DEVICE CONTROL

(Continuation of U.S. 09/014,797, filed January 28, 1998)

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Prior to examination, please amend the above-identified continuation application as follows.

In the Specification

Please substitute the paragraph in the appendix entitled "Clean Version of Page 8, Second Full Paragraph" for page 8, Second Full Paragraph. Specific amendments to page 8, second full paragraph, are detailed in the following marked-up paragraph:

Controller 18 is a keyboard controller, preferably an integrated circuit (IC) such as the Intel 8042. Keyboard controllers, such as those described generally on page 920 et seq. of the Indispensable PC Hardware Book [Handbook] (2d ed.), which is hereby incorporated by reference, are known within the art. Generally, controller 18 constantly scans circuits leading to the key switches of the individual keys within keyboard 17. It detects the increase or decrease in current from the key that has been pressed. By detecting either an increase or decrease in current, the controller can tell both when a key has been pressed and when it has been released. Each key has a unique set of codes associated with the key. These codes are known as scan codes. There are two scan codes for each key, one for when the key is depressed and the other for when the key is released. When a user presses or releases a key, controller 18 stores the associate scan code in its buffer, and then signals BIOS 20 via an interrupt request (e.g., IRQ 1) that it has a scan code waiting in the buffer. BIOS 20 then receives this scan code from controller 18. Upon receiving the scan code, BIOS 20 instructs controller 18 to delete the code from its buffer.